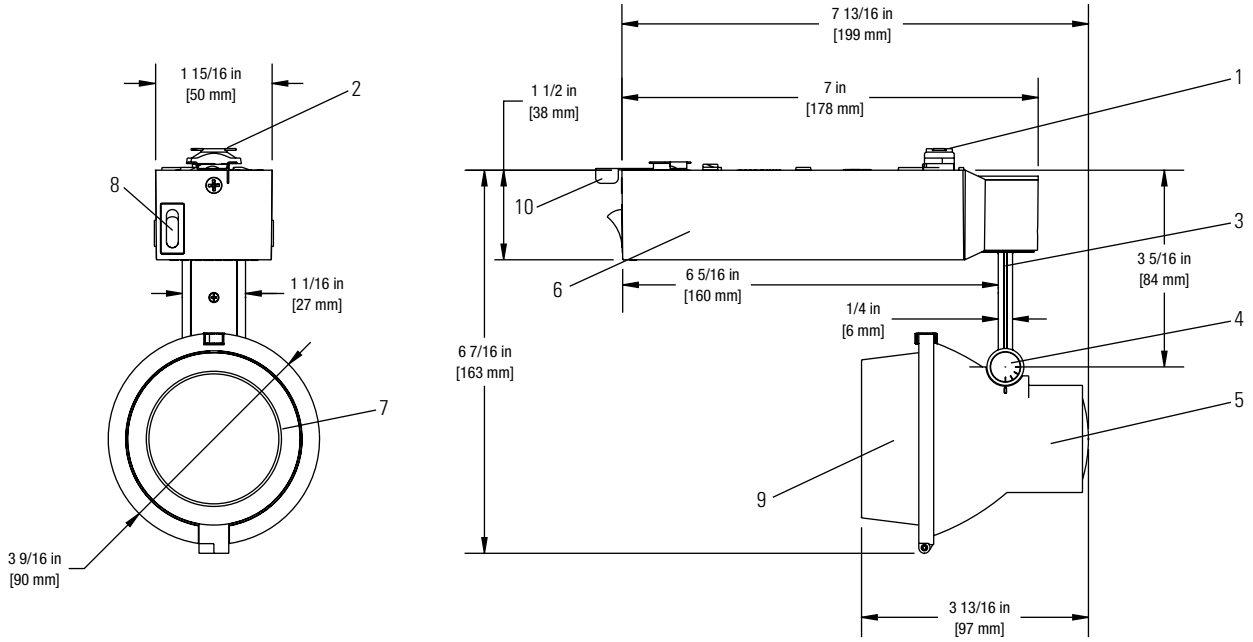

Ordering Information

Catalog No.	Finish	Mounting	Lamps	Reflectors
23S20BTAL	Aluminum	For use with Lytespan Radius, Basic and Advent Track. Not compatible with extension wands or slope ceiling adapters. For monopoint applications refer to spec sheet 6172.	20W CDM-Tm PGJ5 Base Ceramic Metal Halide Philips	23MHRF, 23MHRS, 23MHRNF 23MHRFCCZ, 23MHRSCCZ, 23MHRNFCCZ REFLECTORS SOLD SEPARATELY
23S20BTBK	Black			
23S20BTWH	White			

Features

1. **Track Attachment Fitting:** Locking lever for mechanical/ electrical connection.
2. **Brass Contact:** Extends for connection to second circuit (Advent track only).
3. **Horizontal Pivot:** Wireless stem profile with 365° horizontal rotation. Position may be locked using an allen key.
4. **Vertical Pivot:** 0-90° vertical adjustment with aiming indicator. Position may be locked using an allen key.
5. **Fixture Housing:** Die cast aluminum
6. **Ballast Housing:** Molded polycarbonate
7. **Safety Lens:** Tempered 1/8" glass. Meets or exceeds UL safety requirement for metal halide lamps.
8. **On/Off Switch:** Rocker switch to disconnect power to the ballast.
9. **Accessory Cartridge:** Hinged and captive; retaining ring included. Inside painted black to reduce glare.
10. **Safety Locking Lever:** Locks ballast housing to track.

Finish

All Painted finishes are baked enamel.

Accessories

Accessory Holder: Integral
Accessories: Accepts 1 snoot plus 2 lenses or 1 louver plus 1 lens.
When using 2 accessories, remove safety lens provided.
Lens: AF25, ADF25 Series
Louver: AL25HC

Reflector

Interchangeable reflectors available to allow for desired beam spread.
REFLECTORS SOLD SEPARATELY.

Electrical

Electronic Ballast
Input Voltage: 120V, 50/60Hz
Power Factor: 0.9
Input Power: 26W
Max. Input Current: 0.23A
ANSI Code: M175
Do not use on dimming circuit.

Labels

UL, cUL

Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Notes:

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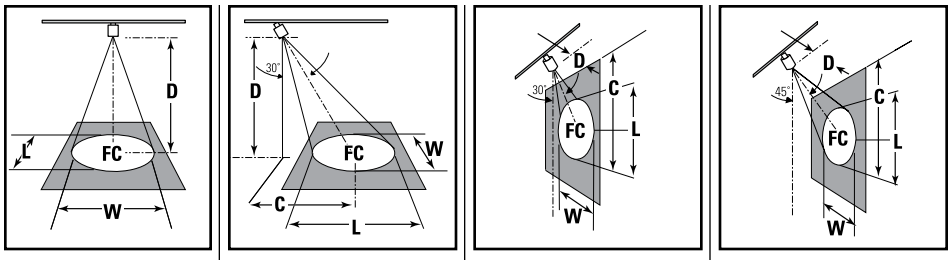
Aiming Angle:

L Beam length
W Beam Width
C Distance to center beam
D Distance
A Aiming Angle
FC Footcandles

L and **W** are the outer points where the candle power drops to 50% of the maximum. **FC** are the initial footcandles at the center of the beam.

Lamp data shown is typical. Consult lamp manufacturers for availability and performance.

CBCP = Center Beam Candle Power.



Lamp	Beam Spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)	0° D	0° FC	0° L	0° W	30° Horizontal D	30° Horizontal C	30° Horizontal FC	30° Horizontal L	30° Horizontal W	30° Vertical D	30° Vertical C	30° Vertical FC	30° Vertical L	30° Vertical W	45° Vertical D	45° Vertical C	45° Vertical FC	45° Vertical L	45° Vertical W
22W BT-5, 23MHRS	10°	12423	12000	10'	124	1.7'	1.7'	8'	4.6'	126	1.9'	1.6'	3'	5.2'	173	2.1'	1.0'	4'	4.0'	275	1.4'	1.0'
				12'	86	2.1'	2.1'	10'	5.8'	81	2.3'	2.0'	4'	6.9'	97	2.9'	1.4'	5'	5.0'	176	1.8'	1.2'
				14'	63	2.4'	2.4'	12'	6.9'	56	2.8'	2.4'	5'	8.7'	62	3.6'	1.7'	6'	6.0'	122	2.1'	1.5'
				16'	49	2.8'	2.8'	14'	8.1'	41	3.3'	2.8'	6'	10.4'	43	4.3'	2.1'	7'	7.0'	90	2.5'	1.7'
Lamp	Beam Spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)	**D**	**FC**	**L**	**W**	**D**	**C**	**FC**	**L**	**W**	**D**	**C**	**FC**	**L**	**W**	**D**	**C**	**FC**	**L**	**W**
22W BT-5, 23MHRNFF	25°	2538	12000	6'	71	2.7'	2.7'	6'	3.5'	46	3.6'	3.1'	2'	3.5'	79	4.2'	1.8'	2'	2.0'	224	1.9'	1.3'
				8'	40	3.5'	3.5'	8'	4.6'	26	4.8'	4.1'	3'	5.2'	35	6.2'	2.7'	3'	3.0'	100	2.8'	1.9'
				10'	25	4.4'	4.4'	10'	5.8'	16	6.0'	5.1'	4'	6.9'	20	8.3'	3.5'	4'	4.0'	56	3.7'	2.5'
				12'	18	5.3'	5.3'	12'	6.9'	11	7.2'	6.1'	5'	8.7'	13	10.4'	4.4'	5'	5.0'	36	4.7'	3.1'
Lamp	Beam Spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)	**D**	**FC**	**L**	**W**	**D**	**C**	**FC**	**L**	**W**	**D**	**C**	**FC**	**L**	**W**	**D**	**C**	**FC**	**L**	**W**
22W BT-5, 23MHRF	35°	1895	12000	6'	53	3.8'	3.8'	6'	3.5'	34	5.2'	4.4'	2'	3.5'	59	7.2'	2.5'	2'	2.0'	167	2.8'	1.8'
				8'	30	5.0'	5.0'	8'	4.6'	19	7.0'	5.8'	3'	5.2'	26	10.8'	3.8'	3'	3.0'	74	4.2'	2.7'
				10'	19	6.3'	6.3'	10'	5.8'	12	8.7'	7.3'	4'	6.9'	15	14.4'	5.0'	4'	4.0'	42	5.6'	3.6'
				12'	13	7.6'	7.6'	12'	6.9'	9	10.4'	8.7'	5'	8.7'	9	18.0'	6.3'	5'	5.0'	27	7.0'	4.5'

Note: For Champagne Bronze (CCZ), multiply FC values by 0.64. CCZ Champagne Bronze reflector "warms" the beam to 2700K.

Job Information **Type:**

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